

This Appendix forms an integral part of the specification.

<?xml version="1.0" encoding="UTF-8"?>

```
<!DOCTYPE SLS [  
  <!-- XML SLS DTD -->
```

```
<!ENTITY % uint32 "#PCDATA">
<!-- Where the PCDATA is an 32-bit unsigned integer. -->
```

```
20  <![ELEMENT Opaque (#PCDATA)]>
    <![ATTLIST Opaque
        encoding CDATA "urn:ietf-org:base64" ]>
```

```
<!ELEMENT % ADR (#PCDATA)>
<!-- Where the PCDATA conforms to the ADR syntax. -->
```

```

30  <!ATTLIST ADR
      entity CDATA #IMPLIED >
<!-- Can use the entity to indicate which ADR syntax we want. -->

```

```
<!ELEMENT % ADRLIST (#PCDATA) >
```

```
<!-- Where the PCDATA conforms to the ADR syntax for a list. -->
```

```
<!ATTLIST ADR
```

```
5      entity CDATA #IMPLIED >
```

```
<!-- Can use the entity to indicate which ADR syntax we want. -->
```

```
<!ENTITY % MessageType " ALERT | HANDSHAKE | APPLICATION_MESSAGE |  
TUNNEL " >
```

```
10 <!ENTITY % EncodingType " SECURE_DATA | PROTECTED_DATA | CLEAR_DATA "  
>
```

```
<!ELEMENT versionMajor (%uint8;) >
```

```
<!ELEMENT versionMinor (%uint8;) >
```

```
15 <!ELEMENT spi (%uint32;) >
```

```
<!ELEMENT serial (%uint32;) >
```

```
<!ELEMENT inReplyTo (%uint32;) >
```

```
<!ELEMENT messageType (%MessageType;) >
```

```
<!ELEMENT encodingType (%EncodingType;) >
```

```
20 <!ELEMENT toAddress (%Address;) >
```

```
<!ELEMENT fromAddress (%Address;) >
```

```
<!ENTITY % PDUdata " SecureData | ProtectedData | ClearData " >
```

```
<!ELEMENT PDU (
```

```
25      versionMajor,
```

```
      versionMinor,
```

```
      spi,
```

```
      serial,
```

```
      inReplyTo?,
```

```
30      messageType,
```

```
      encodingType,
```

```
      toAddress,
```

fromAddress,
%PDUdata;) >

<!ELEMENT SecureData (Opaque) >

5

<!ELEMENT ProtectedData (mac, data) >

<!ELEMENT mac (Opaque) >

<!ELEMENT ClearData (Alert | %Handshake; | ApplicationMessage | PDU) >

10

<!ELEMENT Alert (level, code, detail?) >

<!ELEMENT level (%AlertLevel;) >

<!ELEMENT code (%AlertCode;) >

<!ELEMENT detail (%String;) >

15

<!ENTITY % AlertLevel " FATAL | WARNING | DEBUG " >

<!ENTITY % AlertCode "

CLOSE_NOTIFY

20

| UNEXPECTED_MESSAGE

| BAD_SPI

| BAD_SERIAL

| BAD_MAC

| HANDSHAKE_FAILURE

25

| BAD_CERTIFICATE

| UNSUPPORTED_CERTIFICATE

| CERTIFICATE_REVOKED

| CERTIFICATE_VERIFICATION_FAILED

| ILLEGAL_PARAMETER

30

| BAD_PROTOCOL_VERSION

| INSUFFICIENT_SECURITY

| NO_RENEGOTIATION

002021 045E260

payloadType,
payload?)>

<!ELEMENT primaryResource (ResourceReference)>

5 <!ELEMENT secondaryResources(ResourceReference*)>

<!ELEMENT handlerInfo (ResourceInfo*)>

<!ELEMENT payloadType (%PayloadType;)>

<!ELEMENT ResourceReference (#PCDATA) >

10 <!ELEMENT ResourceInfo (#PCDATA) >

<!ENTITY PayloadType "

METHOD_CALL

| METHOD_RESULT

15 | EXCEPTION

| EVENT

">

<!ELEMENT payload (MethodCall | Object)>

20

<!ELEMENT MethodCall (

interfaceName,

methodName,

args

25)>

<!ELEMENT interfaceName (%String;)>

<!ELEMENT methodName (%String;)>

<!ELEMENT args (Object*)>

30